ABSTRACT OF THE DISCLOSURE

A core bit for cutting core samples in subterranean formations. The core bit has interior geometric features configured to control the quantity of drilling fluid, or flow split, flowing into a narrow annulus defined by an inside diameter of the core bit and an outside diameter of a core shoe. Reducing the flow split minimizes fluid invasion of a core being cut; thus, the core bit provides increased core quality and recoverability. The core bit is also adaptable for use with conventional core barrel assemblies and conventional coring techniques.

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